

Listing of the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1-36. (Previously cancelled)

37. (Previously amended) A clone collection, comprising: from about 50 to about 100,000 clones, each clone comprising a nucleic acid sequence of interest, wherein the nucleic acid sequences of interest further comprise suppressible stop codons and encode polypeptides.

38. (Currently Amended) The clone collection of claim 37, wherein the polypeptides are a druggable targets.

39. (Previously amended) The clone collection of claim 37, wherein the polypeptides are selected from the group consisting of kinases, phosphatases, G-protein coupled receptors, ion channels, proteases, nuclear receptors, secretory proteins, growth factors, cytokines, chemokines, membrane transporters, chemokine receptors, and integrins.

40. (Previously amended) The clone collection of claim 39, wherein the polypeptides are G-protein-coupled receptors.

41. (Previously cancelled)

42. (Previously amended) The clone collection of claim 37, wherein the nucleic acid sequences of interest comprise a tag sequence and the suppressible stop codon is located between the tag sequence and the encoded polypeptide.

43. (Original) The clone collection of claim 37, wherein the nucleic acid sequences of interest are flanked by a first and a second recombination site and the first and the second recombination sites do not recombine with each other.

44. (Previously presented) The clone collection of claim 39, wherein the polypeptides are kinases.

45. (Previously presented) The clone collection of claim 42, wherein the suppressible stop codon is in-frame with the sequence of interest.

46. (Previously presented) A clone collection, comprising: from about 50 to about 100,000 clones, each clone comprising in order, a nucleic acid sequence of interest, a suppressible stop codon and a tag sequence wherein the nucleic acid sequence of interest encodes a polypeptide.